

WHAT IS CLAIMED IS:

1. A method for making an organic luminescent device comprising the steps of:

    forming a first electrode on a substrate;  
    forming an organic layer on the first electrode; and  
    forming a second electrode on the organic layer;  
    wherein the organic layer is formed by applying a DC voltage to the first electrode without generating plasma.

2. A method for making an organic luminescent device according to claim 1, wherein the organic layer is formed by a dry process.

3. A method for making an organic luminescent device according to claim 1, wherein the organic layer is formed by a deposition process using resistance heating or laser ablation.

4. A method for making an organic luminescent device according to claim 1, wherein the first electrode is driven as an anode of the organic luminescent device.

5. A method for making an organic luminescent device according to claim 4, wherein the anode comprises indium tin

oxide.

6. A method for making an organic luminescent device according to claim 4, wherein the DC voltage is a positive DC voltage.

7. A method for making an organic luminescent device according to of claim 1, wherein the first electrode is driven as a cathode of the organic luminescent device.

8. A method for making an organic luminescent device according to claim 7, wherein the DC voltage is a negative DC voltage.

9. A method for making an organic luminescent device according to claim 1, wherein the first electrode is subjected to an oxygen plasma surface treatment or an inert gas plasma surface treatment, and then the organic layer is formed while the first electrode is driven as an anode of the organic luminescent device without exposing the first electrode to air.

10. A method for making an organic luminescent device according to claim 9, wherein oxygen ions or electrons having an energy in the range of 10 to 80 eV are used in the

oxygen plasma surface treatment.

11. A method for making an organic luminescent device according to claim 9, wherein positive ions of the inert gas having an energy in the range of 20 to 100 eV are used in the inert gas plasma surface treatment.

12. A method for making an organic luminescent device according to claim 1, wherein the DC voltage is in the range of 10 to 100 V.

13. A method for making an organic luminescent device according to claim 1, wherein the DC voltage is in the range of 40 to 90 V.

14. A method for making an organic luminescent device comprising a pair of electrodes and an organic layer provided therebetween, the method comprising evaporating an organic compound while applying a potential to one of the electrodes to form the organic layer on said one of the electrodes without generating plasma.

15. A method for making an organic luminescent device according to claim 14, wherein the organic compound is evaporated by resistance heating or laser ablation.

16. A method for making an organic luminescent device according to claim 14, wherein said one of the electrodes is an anode.